

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|----------------------------------|------------------|---------|------------------|
| S1 | 1 | biodiesel AND ((oleaginous OR oily OR greasy OR oleophilic) NEAR3 seed) AND ((anhydrous OR dry) ADJ alcohol) AND (emulsion OR suspension) AND (alkaline ADJ alkoxide ADJ catalyst) AND (transesterification OR (trans ADJ esterification)) AND (alkyl ADJ ester) AND (glycerin OR glycerine) AND carbohydrate AND fermentation AND cattle AND fertilizer | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 07:30 |
| S2 | 1 | biodiesel AND ((oleaginous OR oily OR greasy OR oleophilic) NEAR3 seed) AND ((anhydrous OR dry) ADJ alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 07:31 |
| S3 | 1 | biodiesel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND ((anhydrous OR dry) NEAR3 alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 07:34 |
| S4 | 3 | fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND ((anhydrous OR dry) NEAR3 alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 07:36 |
| S5 | 116 | fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND (((alkyl OR methyl OR ethyl OR propyl OR butyl) ADJ ester) OR ((sodium OR potassium) ADJ ethanoate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 07:38 |
| S6 | 1 | fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND ((alkyl OR methyl OR ethyl OR propyl OR butyl) ADJ ester) AND ((sodium OR potassium) ADJ ethanoate) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 07:38 |
| S7 | 1 | fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND ((sodium OR potassium) ADJ ethanoate) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 07:39 |
| S8 | 0 | fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND ((sodium OR potassium) ADJ ethanoate) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 07:39 |
| S9 | 0 | fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND ((sodium OR potassium) ADJ ethanoate) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 07:39 |
| S10 | 38 | fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/21 08:21 |
| S11 | 319 | (44/307,308,401).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/21 08:20 |
| S12 | 13 | S11 AND fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 08:40 |
| S13 | 503 | (khalil OR leite).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 08:40 |
| S14 | 1 | S13 AND fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 08:41 |
| S15 | 1 | S13 AND fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) WITH seed) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 08:42 |
| S16 | 158 | (petroleo NEAR7 petrobras).as. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 08:41 |
| S17 | 1 | S16 AND fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) WITH seed) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 08:42 |
| S18 | 1 | S16 AND fuel AND (sunflower OR colza OR soybean OR peanut OR castor) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/21 08:45 |

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| S19 | 8 | ("6174501") or ("5578090") or ("6211390") or ("6129773") or ("4695411") or ("4364743") or ("5525126") or ("6015440")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/21 08:45 |
| S20 | 21 | ("4071567" "4128913" "4198530" "4267393" "4299997" "4584415" "4590294" "5004478" "5160506").PN. OR ("5578090").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:17 |
| S21 | 21 | ("4071567" "4128913" "4198530" "4267393" "4299997" "4584415" "4590294" "5004478" "5160506").PN. OR ("5578090").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:17 |
| S22 | 5 | S21 AND transesterification | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:18 |
| S23 | 0 | S22 AND ethanoate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:31 |
| S24 | 0 | S21 AND ethanoate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:18 |
| S25 | 0 | S21 AND alkoxide | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:19 |
| S26 | 1 | transesterification AND ((sodium OR potassium) ADJ ethanoate) AND (oleaginous OR (vegetable ADJ oil)) AND (biodiesel OR diesel OR fuel) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:21 |
| S27 | 1 | transesterification AND ((sodium OR potassium) ADJ ethanoate) AND (oleaginous OR (vegetable ADJ oil)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:20 |
| S28 | 322 | transesterification AND (alkoxide) AND (oleaginous OR (vegetable ADJ oil)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 13:54 |
| S29 | 56 | transesterification AND (alkoxide) AND (oleaginous OR (vegetable ADJ oil)) AND (biodiesel OR diesel OR fuel) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 09:58 |
| S30 | 10 | transesterification AND (alkoxide) AND (oleaginous OR (vegetable ADJ oil)) AND biodiesel | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:21 |
| S31 | 16 | ("1423049" "2081176" "3039956" "4244829" "4364743" "4695411" "4920691").PN. OR ("5599358").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:25 |
| S32 | 15 | ("3282662" "3288577" "4364743" "4695411" "5092908" "5094666" "5160506").PN. OR ("5520708").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:27 |
| S33 | 0 | S32 AND ethanoate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:31 |
| S34 | 1 | S32 AND alkoxide | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 08:31 |
| S35 | 1 | transesterification AND (alkoxide) AND (oleaginous OR (vegetable ADJ oil)) AND (biodiesel OR diesel OR fuel) AND hull | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 11:37 |
| S36 | 10 | transesterification AND (oleaginous OR (vegetable ADJ oil)) AND (biodiesel OR diesel OR fuel) AND hull | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 09:58 |
| S37 | 15 | ("3282662" "3288577" "4364743" "4695411" "5092908" "5094666" "5160506").PN. OR ("5520708").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 10:05 |

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| S38 | 17 | ("4164506" "4695411" "4698186" "4792418" "4839287" "5219744" "5288619" "5424466" "5424467" "5480787" "5520708" "5525126" "5578090" "5599358" "5697986" "5713965" "6201144").PN. OR ("6887283").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 10:24 |
| S39 | 46 | biodiesel NEAR5 (define OR defined OR definition OR describe OR described OR known) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 10:26 |
| S40 | 1 | (transesterification OR alcoholysis) AND (alkoxide) AND (oleaginous OR (vegetable NEAR3 oil)) AND (biodiesel OR diesel OR fuel) AND hull AND (conversion OR converted) AND carbohydrate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 11:38 |
| S41 | 14 | (transesterification OR alcoholysis) AND (alkoxide) AND (oleaginous OR (vegetable NEAR3 oil)) AND (biodiesel OR diesel OR fuel) AND (conversion OR converted) AND carbohydrate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 11:40 |
| S42 | 4 | (transesterification OR alcoholysis) AND (oleaginous OR (vegetable NEAR3 oil)) AND (biodiesel) AND (conversion OR converted) AND carbohydrate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 11:41 |
| S43 | 4 | (transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) AND (oleaginous OR (vegetable NEAR3 oil)) AND (biodiesel) AND (conversion OR converted) AND carbohydrate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 11:42 |
| S44 | 1 | ("4303590").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 11:47 |
| S45 | 37 | seed AND hull AND carbohydrate AND (transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 12:58 |
| S46 | 147 | seed SAME hull SAME carbohydrate | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 12:58 |
| S47 | 46 | seed SAME hull SAME carbohydrate SAME (fermenting OR fermentation OR fermented OR cattle OR feed OR fertilizer) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 12:59 |
| S48 | 3 | transesterification AND (ethanoate) AND (oleaginous OR (vegetable ADJ oil)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 13:55 |
| S49 | 19 | (transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) AND ((sodium OR potassium) WITH ethanoate) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:34 |
| S50 | 875 | (remov\$3 OR extract\$3) WITH hull SAME soybean | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:20 |
| S51 | 784 | (remov\$3 OR extract\$3) WITH hull WITH soybean | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:20 |
| S52 | 413 | (remov\$3 OR extract\$3) WITH hull WITH soybean | USPAT | OR | ON | 2005/06/22 14:20 |
| S53 | 0 | ((remov\$3 OR extract\$3) WITH hull WITH soybean) AND biodiesel | USPAT | OR | ON | 2005/06/22 14:20 |
| S54 | 7 | ((remov\$3 OR extract\$3) WITH hull WITH soybean) AND (diesel OR fuel) | USPAT | OR | ON | 2005/06/22 14:21 |
| S55 | 7 | ((remov\$3 OR extract\$3) WITH hull WITH soybean) AND (transesterification OR alcoholysis) | USPAT | OR | ON | 2005/06/22 14:22 |
| S56 | 6 | ((remov\$3 OR extract\$3) WITH (solid OR cake) WITH soybean) AND (transesterification OR alcoholysis) | USPAT | OR | ON | 2005/06/22 14:24 |
| S57 | 16 | ((remov\$3 OR extract\$3) WITH (solid OR cake) SAME soybean) AND (transesterification OR alcoholysis) | USPAT | OR | ON | 2005/06/22 14:24 |
| S58 | 10 | S57 NOT S56 | USPAT | OR | ON | 2005/06/22 14:24 |

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| S59 | 5458 | (transesterification OR alcoholysis OR transesterify OR transesterfied (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterfied)) AND ((sodium OR potassium) WITH (ethanoate OR acetate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:35 |
| S60 | 3118 | (transesterification OR alcoholysis OR transesterify OR transesterfied (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterfied)) AND ((sodium OR potassium) NEAR2 (ethanoate OR acetate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:35 |
| S61 | 490 | (transesterification OR alcoholysis OR transesterify OR transesterfied (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterfied)) SAME ((sodium OR potassium) NEAR2 (ethanoate OR acetate)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:35 |
| S62 | 0 | (transesterification OR alcoholysis OR transesterify OR transesterfied (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterfied)) SAME ((sodium OR potassium) NEAR2 (ethanoate OR acetate)) AND biodiesel | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:35 |
| S63 | 12 | (transesterification OR alcoholysis OR transesterify OR transesterfied (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterfied)) SAME ((sodium OR potassium) NEAR2 (ethanoate OR acetate)) AND (diesel OR fuel) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:38 |
| S64 | 249 | (transesterification OR alcoholysis OR transesterify OR transesterfied (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterfied)) SAME ((sodium OR potassium) ADJ (ethanoate OR acetate)) | USPAT | OR | ON | 2005/06/22 14:39 |
| S65 | 240 | (transesterification OR alcoholysis) SAME ((sodium OR potassium) ADJ (ethanoate OR acetate)) | USPAT | OR | ON | 2005/06/22 15:14 |
| S66 | 42 | ((transesterification OR alcoholysis) SAME ((sodium OR potassium) ADJ (ethanoate OR acetate))) AND (diesel OR fuel OR petroleum OR gasoline) | USPAT | OR | ON | 2005/06/22 14:52 |
| S67 | 0 | (transesterification OR alcoholysis) SAME (sunflower AND colza AND soybean AND peanut AND castor AND seed) | USPAT | OR | ON | 2005/06/22 14:52 |
| S68 | 0 | (transesterification OR alcoholysis) SAME (sunflower AND colza AND soybean AND peanut AND castor AND seed) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:53 |
| S69 | 0 | (transesterification OR alcoholysis) SAME (sunflower AND colza AND soybean AND peanut AND castor) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:53 |
| S70 | 4 | (transesterification OR alcoholysis) AND (sunflower AND colza AND soybean AND peanut AND castor) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:55 |
| S71 | 1 | (oleaginous NEAR5 seed) AND (sunflower AND colza AND soybean AND peanut AND castor) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:56 |
| S72 | 11 | (sunflower AND colza AND soybean AND peanut AND castor AND seed) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 14:57 |
| S73 | 5 | sunflower AND colza AND soybean AND peanut AND castor AND seed AND (oleaginous OR oily) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 15:09 |
| S74 | 0 | seed SAME carbohydrate SAME ferment\$5 SAME alcohol SAME recydl\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 15:10 |
| S75 | 446 | seed AND carbohydrate AND ferment\$5 AND alcohol AND recydl\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 15:10 |
| S76 | 27 | carbohydrate SAME ferment\$5 SAME alcohol SAME recydl\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/06/22 15:10 |
| S77 | 83 | (transesterification OR alcoholysis) SAME (alcohol WITH recydl\$5) | USPAT | OR | ON | 2005/06/22 15:14 |

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| S78 | 15 | ((transesterification OR alcoholysis) SAME (alcohol WITH recycl\$5)) AND (diesel OR fuel) | USPAT | OR | ON | 2005/06/22 15:34 |
| S79 | 1 | (transesterification OR alcoholysis) AND (((seed OR hull OR carbohydrate) SAME ferment\$5) SAME (ethanol OR (ethyl ADJ alcohol))) | USPAT | OR | ON | 2005/06/22 15:35 |